

12/15/99  
16520 U.S. PTO

12-17-99

A

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.	GWI-102	Total Pages
First Named Inventor		
AROGYASWAMI J. PAULRAJ		
Title		
METHOD AND WIRELESS SYSTEMS USING MULTIPLE ANTENNAS AND ADAPTIVE CONTROL FOR MAXIMIZING A COMMUNICATION PARAMETER		

<b>APPLICATION ELEMENTS</b>		<b>ACCOMPANYING APPLICATION PARTS</b>
1. [X] Fee Transmittal Form (two copies)		8. [X] Assignment cover sheet and document(s)
2. [X] Specification	Total Pages: [35]	9. [X] Power of Attorney by Assignee [ ] with CFR 3.73(b) statement
3. [X] Drawing(s)	Total Sheets: [6]	10. [ ] English Translation Document
4. [X] Oath or Declaration	Total Pages: [1]	11. [ ] IDS/PTO-1449 [ ] with copies of cited references
a. [X] Newly executed (original or copy)		12. [ ] Preliminary Amendment
b. [ ] Copy from a prior application 1.63(d) (complete Box 17 and note Box 5 below)		13. [X] Return Receipt Postcard (MPEP 503)
i. [ ] Signed statement deleting inventors named in the prior application, see CFR 1.63(d)(2) and 1.33(b)		14. [ ] Small Entity Statement [ ] Statement filed in prior application Status still proper and desired
5. [ ] Incorporation by Reference (if 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby Incorporated therein by reference.		15. [ ] Certified Copy of Priority Document(s) (if foreign priority is claimed)
6. [ ] Microfiche Computer Program ( <i>Appendix</i> )		16. [ ] Other:
7. [ ] Nucleotide/Amino Acid Sequence Submission (all the following are necessary)		
a. [ ] Computer Readable Copy		
b. [ ] Paper Copy (identical to computer copy)		
c. [ ] Statement verifying identity of above copies		
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: [ ] continuation    [ ] divisional    [ ] CIP    ...of prior application No.: [ ]		

JC675 U.S. P10  
09/464372

12/15/99

<b>18. CORRESPONDENCE ADDRESS</b>					
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<b>Certificate of Mailing by "Express Mail"</b>					
I hereby certify that I am mailing this correspondence on the date indicated below to the ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231 using the "Express Mail Post Office to Addressee" service of the United States Postal Service under 37 CFR 1.10.					
 <b>MAREK ALBOSZTA</b> REG. NO. 39,894			<b>DATE OF MAILING:</b> 15 Dec. '99 <b>EXPRESS MAIL LABEL NO:</b> EJ136190587US		

**FEE TRANSMITTAL**

Application Number:	<b>Not assigned</b>
Filing Date:	<b>Filed herewith</b>
First Named Inventor:	<b>Arogyaswami J. Paulraj</b>
Title of Invention:	Method and Wireless Systems Using Multiple Antennas and Adaptive Control for Maximizing a Communication Parameter
Group Art Unit:	<b>Not assigned</b>
Examiner:	<b>Not assigned</b>
Attorney Docket No.:	<b>GWI-102</b>

<b>Fee Calculation:</b>			
for      [ ] Large Entity / [X] Small Entity.			
<b>Basic Billing Fee:</b>			
[X] Utility Patent Application:	\$760 / \$380		\$ 380
[ ] Provisional Patent Application:	\$150 / \$75		\$
<b>Claims:</b>			
[X] Number of Total Claims Over 20: [14]	x \$18 / \$9 =	\$ 126	
[ ] No. of Independent Claims Over 3: [ ]	x \$89 / \$39 =	\$	
<b>Other Fees:</b>			
[ ] Extension of time, 1 month	\$110 / \$55	\$	
[ ] Extension of time, 2 months	\$380 / \$190	\$	
[ ] Extension of time, 3 months	\$870 / \$435	\$	
[ ] Extension of time, 4 months	\$1360 / \$680	\$	
[ ] Missing Parts Surcharge (Regular Application)	\$130 / \$65	\$	
[ ] Missing Parts Surcharge (Provisional Application)	\$50 / \$25	\$	
[X] Recordation of Assignment Document	\$40	\$ 40	
[ ] Issue Fee	\$1210 / \$605	\$	
[ ] Printed Patent; Number of Copies: [ ]	x \$3 =	\$	\$
<b>TOTAL PAYMENT:</b>	\$ 546		

**Method of Payment:**  
[X] Payment Enclosed  
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**Signature of Applicant, Attorney, or Agent**

  
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Marek Alboszta, Reg. No. 39,894      Date      15 Dec. '99